

Clonal and Common Lilac Protocol

Field Guide

Task

Observe when the five phenophases of common or clonal lilacs occur

What You Need

☐ *Common and Clonal Lilac Data Sheet*

☐ Pencil or pen

In the Field

1. Examine each lilac plant.
2. For each lilac plant, record dates of the five phenophases on the *Common and Clonal Lilac Data Sheet*. The five phenophases in order are:
 - First leaf:** when the widest part of the first new leaf has grown beyond the end of its bud.
 - Fully leafed:** when nearly all (greater than 95%) of the actively growing leaf buds have leafed
 - First bloom:** when at least 50% of the flower clusters have at least one open flower .
 - Full bloom:** when greater than 95% of the flower clusters no longer have any unopened flowers but before many of the flowers have withered.
 - End of bloom:** when greater than 95% of the flowers have withered or dried.
3. In the autumn, measure the height of each lilac plant. This is done once a year only. Record if the lilac plant appears to be in poor health.